

**PATENT**  
**HES 2003-IP-011763U2**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants:	James F. Heathman et al.	)	
		)	
		)	Art Unit: Unknown
		)	
Serial No.:	10/719,647	)	
		)	
Filed:	November 21, 2003	)	Examiner: Unknown
		)	
For:	METHODS OF USING CEMENT	)	
	COMPOSITIONS HAVING LONG-TERM	)	
	SLURRY-STATE STABILITY	)	

**INFORMATION DISCLOSURE STATEMENT**

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

**U. S. PATENTS**

U.S. Patent No. 3,359,225 issued December 19, 1967 to Charles F. Weisend.

U.S. Patent No. 4,015,991 issued April 5, 1977 to Leonard J. Persinski et al.

U.S. Patent No. 4,234,344 issued November 18, 1980 to John M. Tinsley et al.

U.S. Patent No. 4,304,298 issued December 8, 1981 to David L. Sutton.

U.S. Patent No. 4,340,427 issued July 20, 1982 to David L. Sutton.

U.S. Patent No. 4,460,052 issued July 17, 1984 to Judith Gockel.

U.S. Patent No. 4,498,995 issued February 12, 1985 to Judith Gockel.

U.S. Patent No. 4,515,635 issued May 7, 1985 to S. Prabhakara Rao et al.

U.S. Patent No. 4,555,269 issued November 26, 1985 to S. Prabhakara Rao et al.

U.S. Patent No. 4,676,317 issued June 30, 1987 to Slaton E. Fry et al.

U.S. Patent No. 4,676,832 issued June 30, 1987 to Jerry D. Childs et al.

U.S. Patent No. 4,703,801 issued November 3, 1987 to Slaton E. Fry et al.

U.S. Patent No. 4,764,019 issued August 16, 1998 to Donald R. Kaminski et al.

U.S. Patent No. 4,818,288 issued April 4, 1989 to Alois Aignesberger et al.

U.S. Patent No. 5,263,542 issued November 23, 1993 to Lance E. Brothers.

U.S. Patent No. 5,339,903 issued August 23, 1994 to Larry S. Eoff et al.

U.S. Patent No. 5,340,397 issued August 23, 1994 to Lance E. Brothers.

U.S. Patent No. 5,447,197 issued September 5, 1995 to Philip Rae et al.

U.S. Patent No. 5,484,478 issued January 16, 1996 to Lance E. Brothers.

U.S. Patent No. 5,547,506 issued August 20, 1996 to Philip Rae et al.

U.S. Patent No. 5,749,418 issued May 12, 1998 to Sudhir Mehta et al.

U.S. Patent No. 5,968,255 issued October 19, 1999 to Sudhir Mehta et al.

U.S. Patent No. 5,972,103 issued October 26, 1999 to Sudhir Mehta et al.

U.S. Patent No. 6,063,738 issued May 16, 2000 to Jiten Chatterji et al.

U.S. Patent No. 6,156,808 issued December 5, 2000 to Jiten Chatterji et al.

U.S. Patent No. 6,173,778 B1 issued January 16, 2001 to Philip J. Rae et al.

U.S. Patent No. 6,220,354 B1 issued April 24, 2001 to Jiten Chatterji et al.

U.S. Patent No. 6,241,815 B1 issued June 5, 2001 to David Bonen.

U.S. Patent No. 6,268,406 B1 issued July 31, 2001 to Jiten Chatterji et al.

U.S. Patent No. 6,297,202 B1 issued October 2, 2001 to Jiten Chatterji et al.

U.S. Patent No. 6,308,777 B2 issued October 30, 2001 to Jiten Chatterji et al.

U.S. Patent No. 6,417,142 B1 issued July 9, 2002 to Jiten Chatterji et al.

U.S. Patent No. 6,457,524 B1 issued October 1, 2002 to Craig W. Roddy.

U.S. Patent No. 6,500,252 B1 issued December 31, 2002 to Jiten Chatterji et al.

U.S. Patent No. 6,511,537 B1 issued January 28, 2003 to Veronique Barlet-Gouedard et al.

U.S. Patent No. 6,516,883 B1 issued February 11, 2003 to Jiten Chatterji et al.

U.S. Patent No. 6,569,232 B2 issued May 27, 2003 to Magdiel Castro et al.

### **FOREIGN DOCUMENTS**

Venezuela Patent No. 52,883 dated February 14, 1992.

Venezuela Patent No. 52,882 dated February 14, 1992.

Venezuela Patent No. 53,936 dated August 28, 1992

Venezuela Patent No. 53,935 dated August 28, 1992.

### **OTHER MATERIAL**

Halliburton brochure entitled "Spherelite Cement Additive" dated 1999.

Halliburton brochure entitled "CFR-3 Cement Friction Reducer Dispersant" dated 1998.

Halliburton brochure entitled "Halad®-344 Fluid-Loss Additive" dated 1998.

Halliburton brochure entitled "Halad®-413 Fluid-Loss Additive" dated 1999.

Halliburton brochure entitled "Halad®-700 Fluid-Loss Additive" dated 2000.

Halliburton brochure entitled "D-AIR 3000 and D-AIR 3000L Defoamers" dated 1999.

Halliburton brochure entitled "GasStop Gas Migration Control Additive Controls Gel Strength Development to Stop Gas Migration and Allow Better Cementing" dated 1999.

Halliburton brochure entitled "GasStop HT Cement Additive" dated 1999.

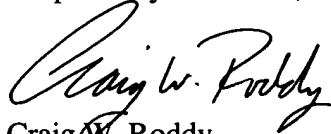
Halliburton brochure entitled "HR®-25 Cement Retarder" dated 1999.

Halliburton brochure entitled "Micro Matrix Cement Retarder" dated 1999.

Publication entitled "Cryogenics with cement microscopy redefined cement behavior" by  
Sudhir Mehta, et al. published in the Oil & Gas Journal, pp. 47-53.

Copies of the aforementioned references and Form PTO-1449 are submitted herewith.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Craig W. Roddy". The signature is fluid and cursive, with the first name "Craig" being the most prominent.

Craig W. Roddy  
Registration No. 36,256  
Halliburton Energy Services  
P. O. Box 1431  
Duncan, OK 73536-0440  
580-251-3012



<b>FORM PTO-1449</b> (Modified)  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	ATTY. DOCKET NO. 2003-IP-011763U2	SERIAL NO. unknown
	APPLICANT James F. Heathman et al.	
	FILING DATE concurrently herewith	GROUP Unknown

*U.S. PATENT DOCUMENTS*

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	3,359,225	12/19/67	Weisend	260	29.6	
	AB	4,015,991	04/05/77	Persinski et al.	106	90	
	AC	4,234,344	11/18/80	Tinsley et al.	106	88	
	AD	4,304,298	12/08/81	Sutton	166	293	
	AE	4,340,427	07/20/82	Sutton	106	87	
	AF	4,460,052	07/17/84	Gockel	175	72	
	AG	4,498,995	02/12/85	Gockel	252	8.5 LC	
	AH	4,515,635	05/07/85	Rao et al.	106	90	
	AI	4,555,269	11/26/85	Rao et al.	106	90	
	AJ	4,676,317	06/30/87	Fry et al.	166	293	
	AK	4,676,832	06/30/87	Childs et al.	106	90	

*FOREIGN PATENT DOCUMENTS*

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	52,883	02/14/92	Venezuela			X	
	AM	52,882	02/14/92	Venezuela			X	
	AN	53,936	08/28/92	Venezuela			X	
	AO	53,935	08/28/92	Venezuela			X	
	AP							

*OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)*

	AR	Halliburton brochure entitled "Spherelite Cement Additive" dated 1999.
		Halliburton brochure entitled "CFR-3 Cement Friction Reducer Dispersant" dated 1998.
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		Halliburton brochure entitled "D-AIR 3000 and D-AIR 3000L Defoamers" dated 1999.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	4,703,801	11/03/87	Fry et al.	166	293	
	AB	4,764,019	08/19/88	Kaminski et al.	366	15	
	AC	4,818,288	04/04/89	Aignesberger et al.	106	90	
	AD	5,263,542	11/23/93	Brothers	166	293	
	AE	5,339,903	08/23/94	Eoff et al.	166	293	
	AF	5,340,397	08/23/94	Brothers	106	727	
	AG	5,447,197	09/05/95	Rae et al.	166	293	
	AH	5,484,478	01/06/96	Brothers	106	696	
	AI	5,547,506	08/20/96	Rae et al.	106	730	
	AJ	5,749,418	05/12/98	Mehta et al.	166	292	
	AK	5,968,255	10/19/99	Mehta et al.	106	727	

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EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	5,972,103	10/26/99	Mehta et al.	106	728	
	AB	6,063,738	05/16/00	Chatterji et al.	507	269	
	AC	6,156,808	12/05/00	Chatterji et al.	516	116	
	AD	6,173,778 B1	01/16/01	Rae et al.	166	293	
	AE	6,220,354 B1	04/24/01	Chatterji et al.	166	293	
	AF	6,241,815 B1	06/05/01	Bonen	106	735	
	AG	6,268,406 B1	07/31/01	Chatterji et al.	523	130	
	AH	6,297,202 B1	10/02/01	Chatterji et al.	507	261	
	AI	6,308,777 B2	10/30/01	Chatterji et al.	166	293	
	AJ	6,417,142 B1	07/09/02	Chatterji et al.	507	265	
	AK	6,457,524 B1	10/01/02	Roddy	166	293	

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EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	6,500,252 B1	12/31/02	Chatterji et al.	106	644	
	AB	6,511,537 B1	01/28/03	Barlet-Gouedard et al.	106	727	
	AC	6,516,883 B1	02/11/03	Chatterji et al.	166	293	
	AD	6,569,232 B2	05/27/03	Castro et al.	106	644	
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	AH						
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	AJ						
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